

IMMEDIATE DAMAGE FROM A SINGLE ONE MEGATON NUCLEAR WEAPON AIR BURST OVER THE UTAH STATE CAPITOL

DAMAGE FROM BLAST

- INNER BLACK CIRCLE: All buildings destroyed. No survivors. 100 PSI
- INTERMEDIATE BLACK CIRCLE: All frame houses destroyed. Limited chances for survival 5 PSI
- OUTER BLACK CIRCLE: Severe damage to all houses. Flying debris wounds many. 2 PSI

DAMAGE FROM HEAT

THE FIRESTORM COVERS EVERYTHING WITHIN THE OUTER RED CIRCLE, GENERATING WINDS UP TO 100 MILES PER HOUR.

- INNER RED CIRCLE: All people exposed to the initial flash suffer third degree burns. Survival chances minimal.
- OUTER RED CIRCLE: All people exposed suffer second degree burns requiring medical treatment. All wood, curtains, dry leaves etc. catch fire.

MANY OF THOSE WITHIN THE BLACK AND RED CIRCLES WHO ESCAPE THE BLAST AND HEAT EFFECTS ARE STILL EXPOSED TO LETHAL OR NEAR LETHAL LEVELS OF RADIATION FROM PROMPT GAMMA RAYS AND NEUTRONS.

X ON MAP INDICATES SITE OF EXPLOSION OF THE NUCLEAR BOMB AT 8000 FEET ALTITUDE.

SALT LAKE CITY OGDEN - PROVO AND VICINITY

0 1 2 3 4 5 6 7

ONE INCH EQUALS APPROXIMATELY 4.9 MILES

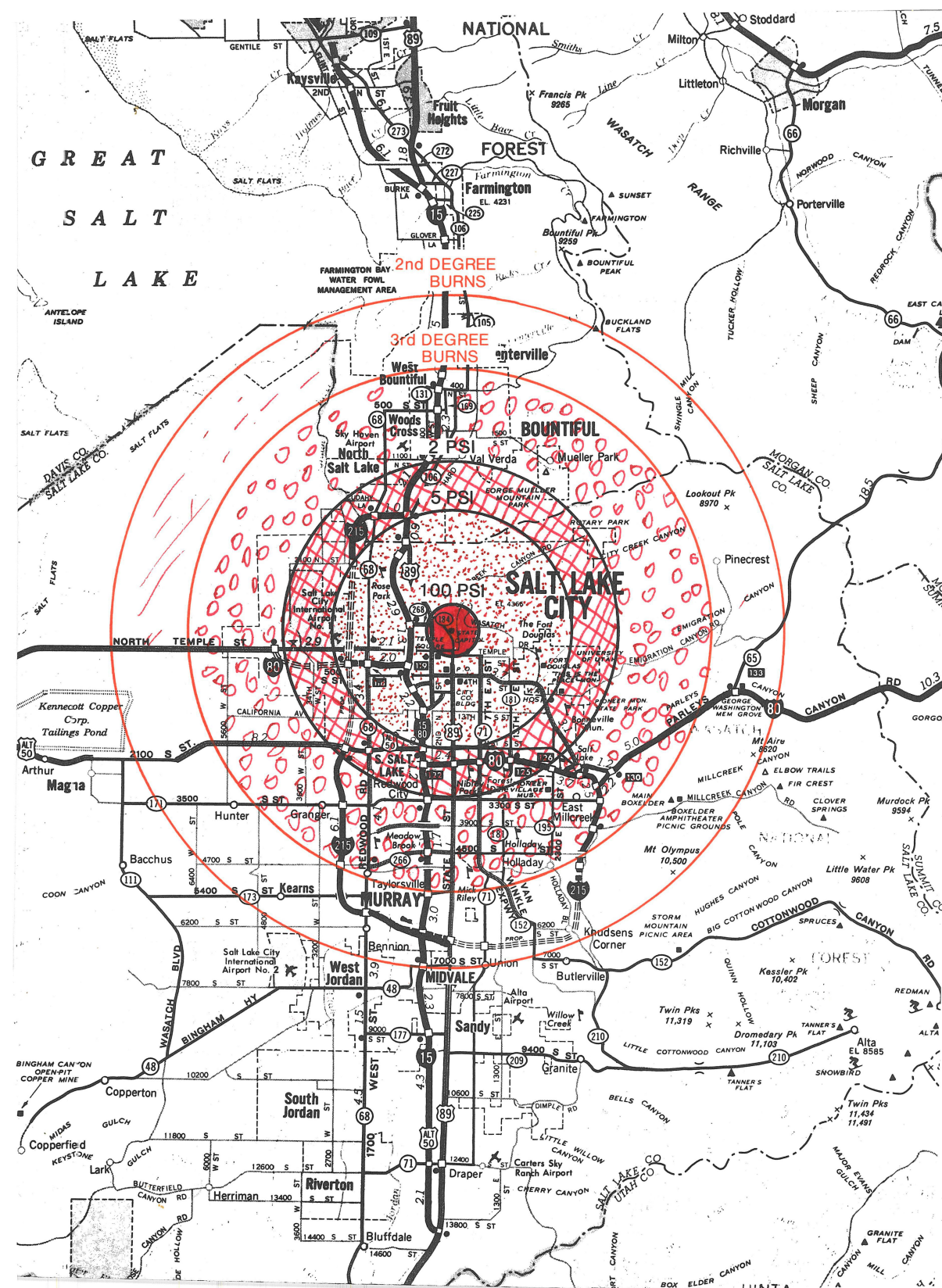
↑ Golf Course

For Explanation of Map Symbols
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RADIOACTIVE FALLOUT FROM A SINGLE ONE MEGATON NUCLEAR WEAPON DETONATED AT GROUND LEVEL ON SALT LAKE CITY INTERNATIONAL AIRPORT

- 4000 REM:** All people will die within hours.
- 1000 REM:** All people will die in one-two weeks.
- 400 REM:** 50% of people will die within a few weeks. The remainder will suffer from radiation illness; vomiting, loss of hair, infection, etc. Survivors may suffer from leukemia and other cancers as well as genetic damage.

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